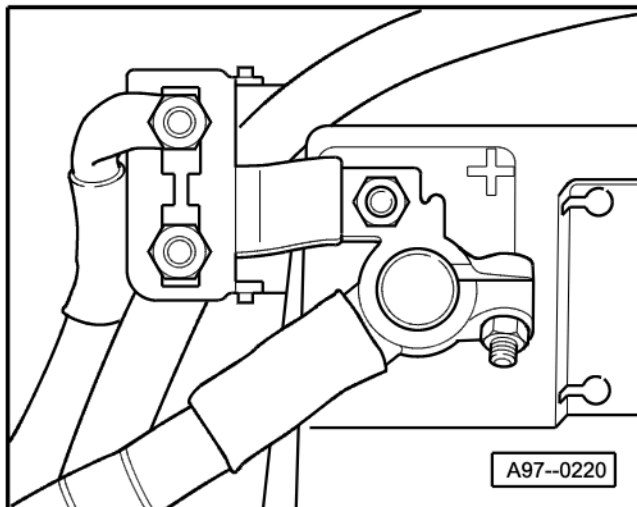


Radio / Navigation system (RNS-D)

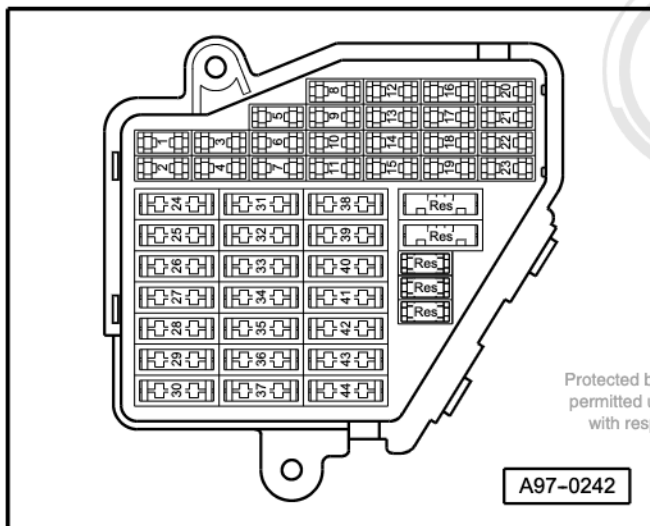
From 2004 m. y.

Main fuse



◆ on the Battery

Fuse holder



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◆ Instrument panel driver side

Fuse Colors

30 A - Green

25 A - White

20 A - Yellow

15 A - Blue

10 A - Red

7,5 A - Brown

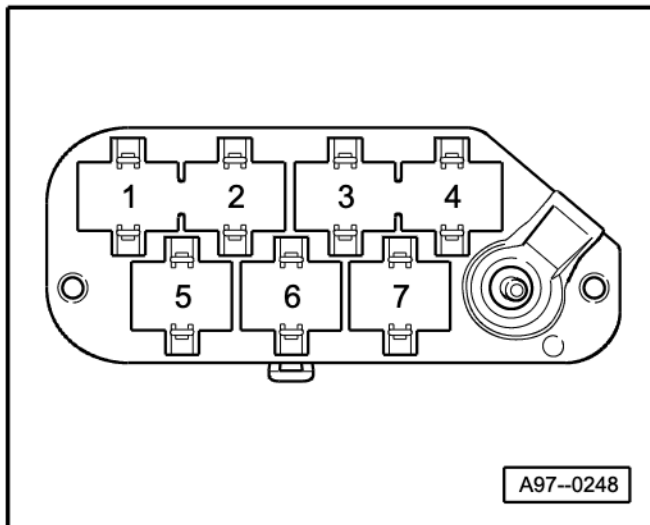
5 A - Beige



Note:

◆ Fuse in fusebox from 23 onwards are numbered 223 onwards in Current Flow Diagram.

Coupling station with threaded connection



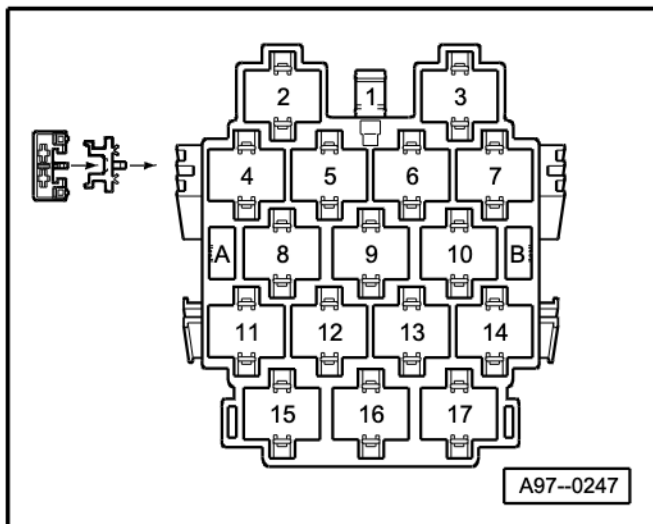
◆ in the electronics box, plenum chamber

3 - 17-Pin Connector, red (T17d)



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Connector station A-pillar



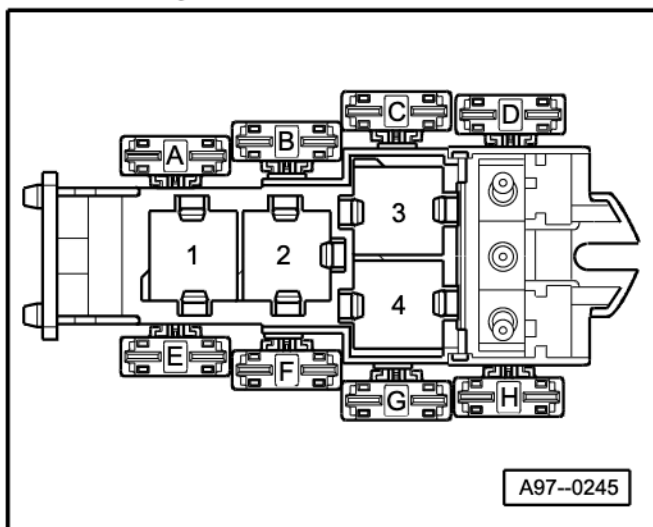
◆ behind side trim, left

9 - 17-Pin Connector, dark brown (T17g)

15 - 17-Pin Connector, green (T17b)

17 - 17-Pin Connector, black (T17)

4-Pin Relay Carrier with threaded connection

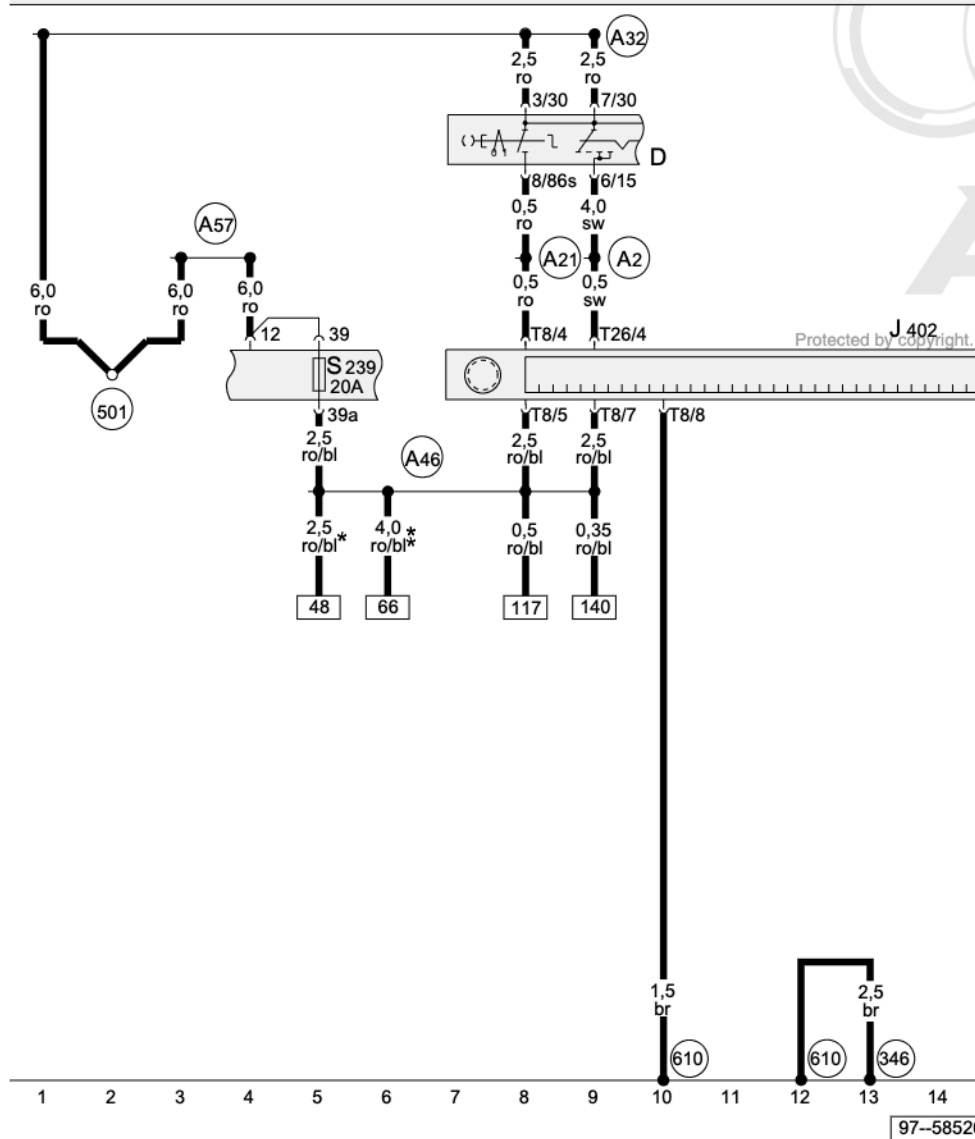


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- ◆ Instrument panel driver side



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Voltage Supply

- D Ignition/Starter Switch
- J402 Control module for operating electronics, navigation
- S239 Fuse in fuse holder
- T8 8-Pin Connector, black, radio connector III
- T26 26-Pin Connector, black, on Control Module for operating electronics, navigation

- 346 Ground connection (Audio), in instrument panel wiring harness
- 501 Threaded connection -2- (30), on the relay plate
- 610 Ground connection (Audio) (under center console, front)
- A2 Plus connection (15), in instrument panel wiring harness
- A21 Wire connection (86s), in instrument panel wiring harness
- A32 Plus connection (30), in instrument panel wiring harness
- A46 Plus connection (30-from radio), in instrument panel wiring harness
- A57 Plus connection -3- (30), in instrument panel wiring harness

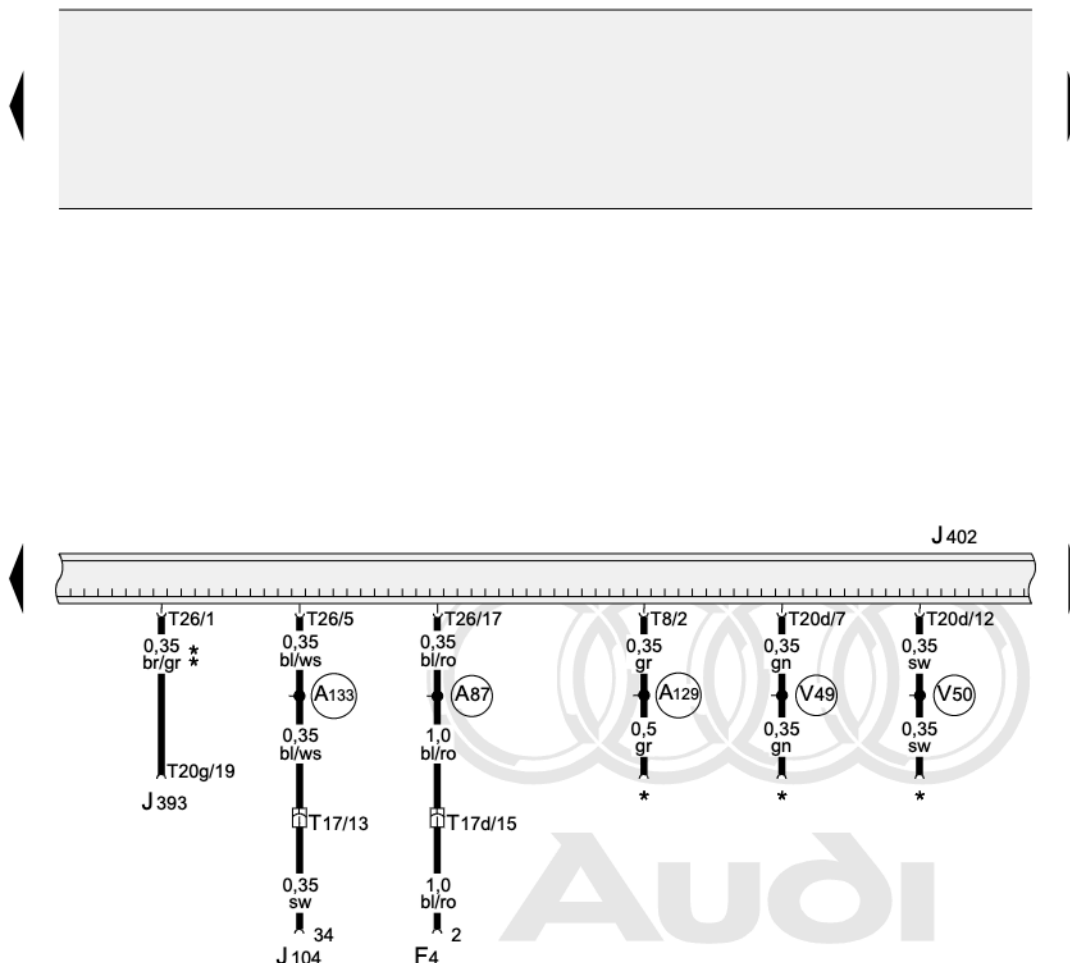
- * with Amplified Speaker only
- ** with Bose Speaker only

Control module for operating electronics, navigation

- F4 Back-Up Light Switch
- J104 ABS Control Module (w/EDL)
- J393 Central control module for comfort system
- J402 Control module for operating electronics, navigation
- T8 8-Pin Connector, black, radio connector III
- T17 17-Pin Connector, black, connector station A-pillar, left
- T17d 17-Pin Connector, red, connector station E-box, plenum chamber
- T20d 20-Pin Connector, black, radio connector I
- T20g 20-Pin Connector, red, on central control module for comfort system (used to be Connector 4)
- T26 26-Pin Connector, black, on Control Module for operating electronics, navigation

- A87 Wire connection (RF), in instrument panel wiring harness
- A129 Wire connection (quiet switch), in instrument panel wiring harness
- A133 Left ABS Impulse Connection (in instrument panel wiring harness)
- V49 Low Frequency + Connection (in communication wiring harness)
- V50 Low Frequency - Connection (in communication wiring harness)

* see applicable Telephone wiring diagram
** with alarm system only



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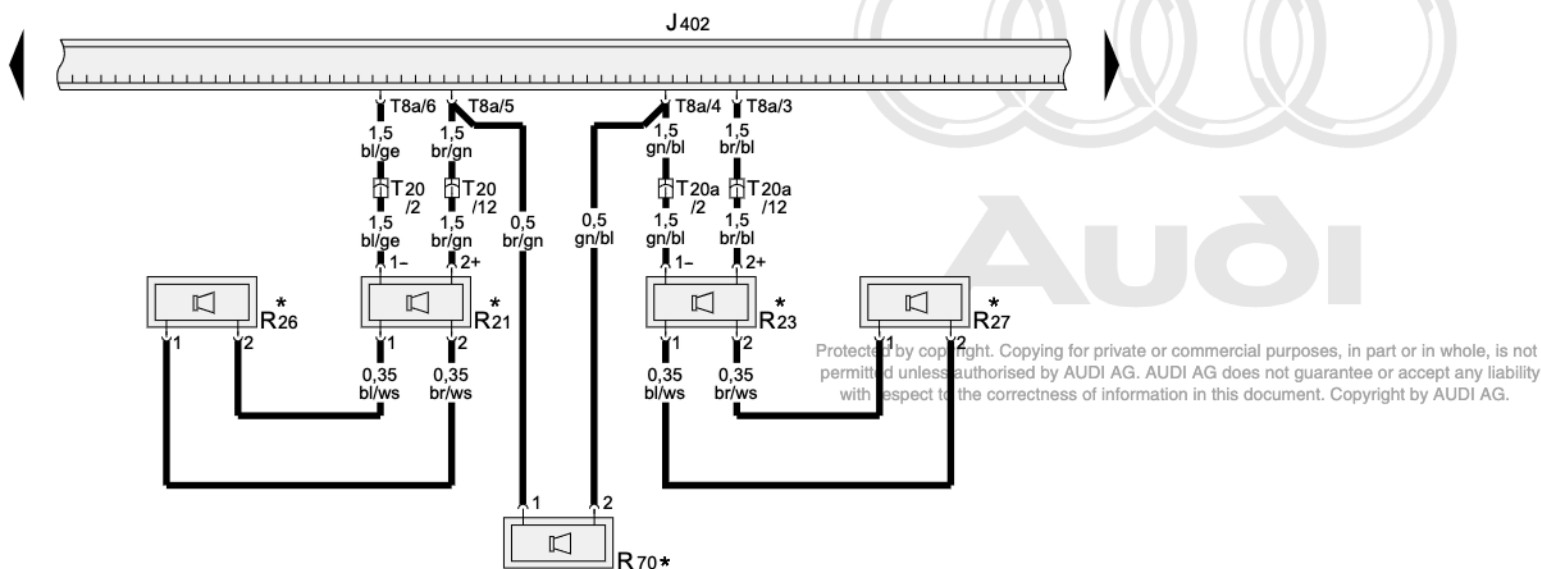
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gr = grey
li = lilac
ge = yellow
or = orange
rs = pink

15 16 17 18 19 20 21 22 23 24 25 26 27 28

97--57423

Amplified Speaker front

- J402 Control module for operating electronics, navigation
- R21 Bass speaker, left front
- R23 Bass speaker, right front
- R26 Left Front Midrange Speaker
- R27 Right Front Midrange Speaker
- R70 Inside loudspeaker (Center Speaker)
- T8a 8-Pin Connector, brown, radio connector II
- T20 20-Pin Connector, black, door A-pillar, left
- T20a 20-Pin Connector, black, door A-pillar, right
- * with Amplified Speaker only

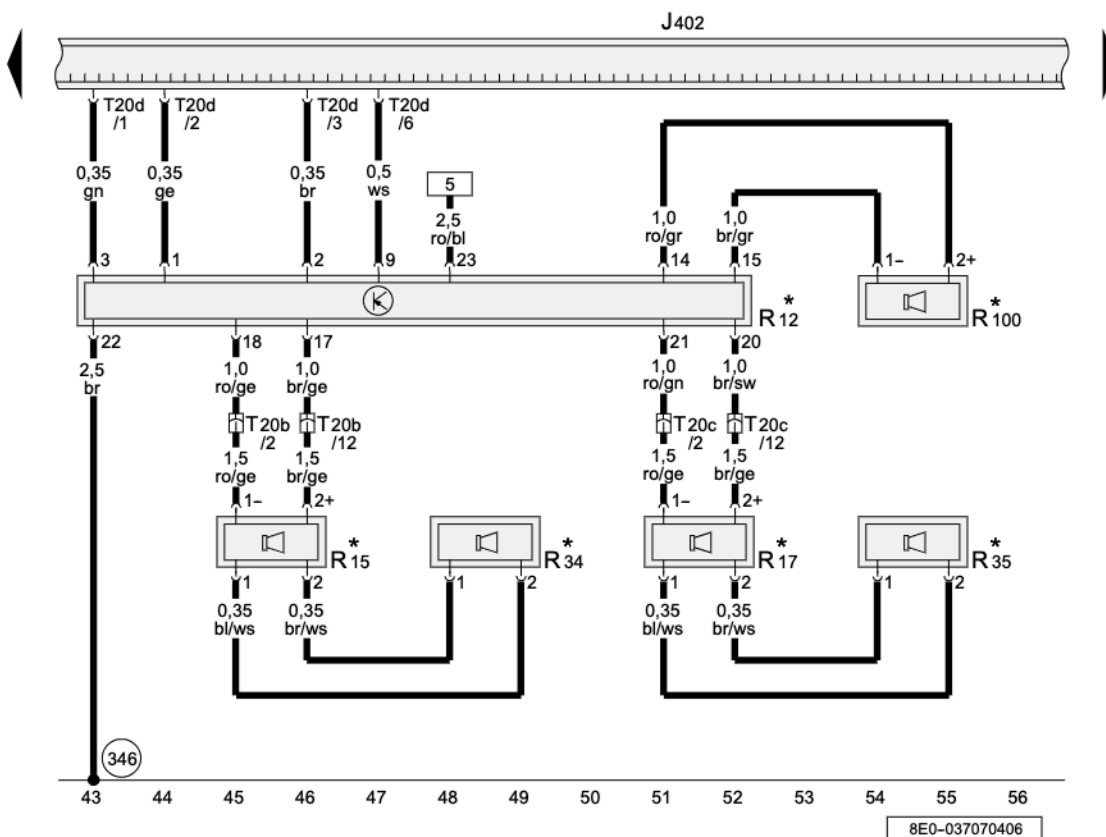


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Amplified Speaker rear

- J402 Control module for operating electronics, navigation
- R12 Amplifier
- R15 Bass speaker, left rear
- R17 Bass speaker, right rear
- R34 Left Rear Midrange Speaker
- R35 Right Rear Midrange Speaker
- R100 Bass loudspeaker
- T20b 20-Pin Connector, black, door B-pillar, left
- T20c 20-Pin Connector, black, door B-pillar, right
- T20d 20-Pin Connector, black, radio connector I
- 346 Ground connection (Audio), in instrument panel wiring harness
- * with Amplified Speaker only



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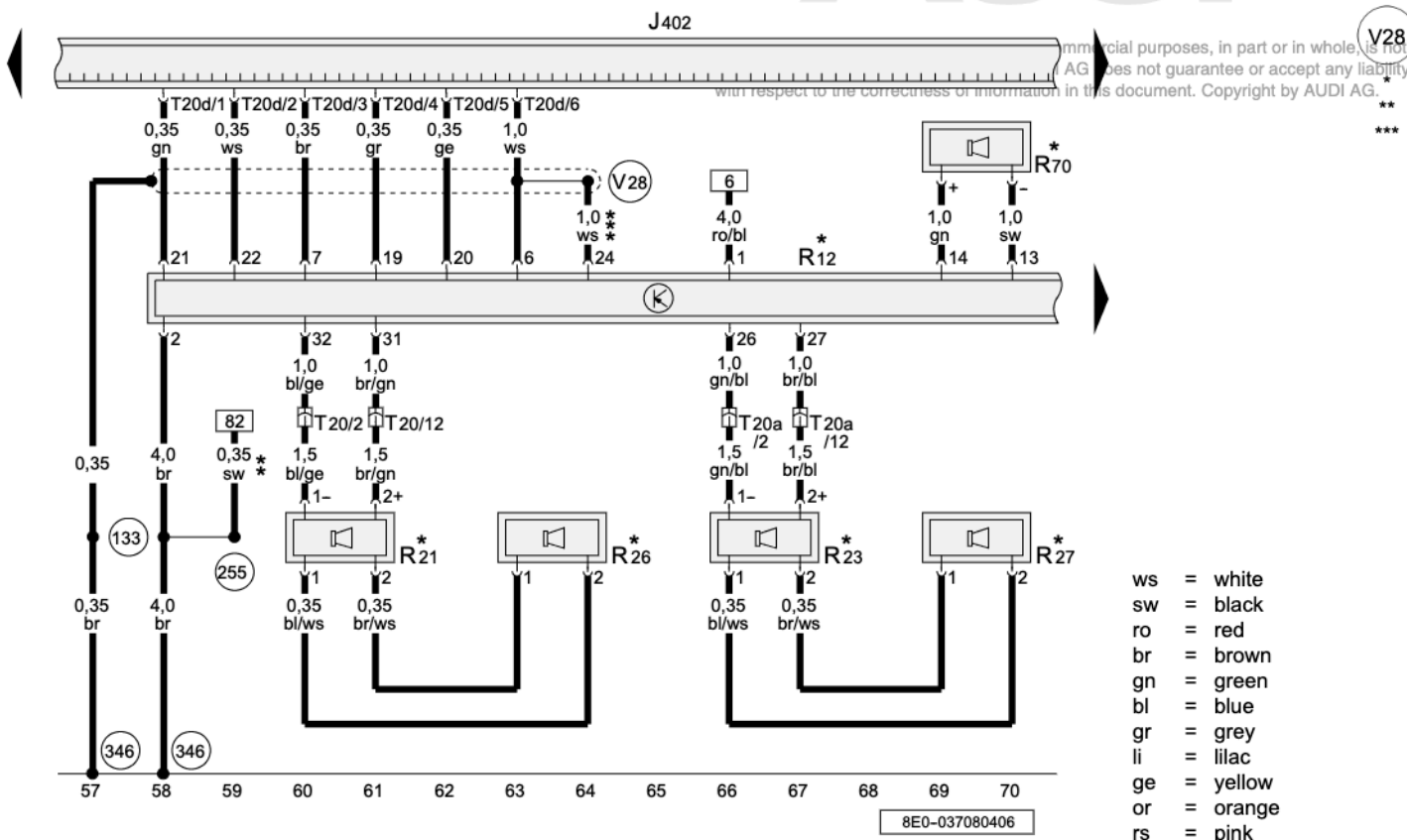
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Bose Speaker front

- J402 Control module for operating electronics, navigation
- R12 Amplifier
- R21 Bass speaker, left front
- R23 Bass speaker, right front
- R26 Left Front Midrange Speaker
- R27 Right Front Midrange Speaker
- R70 Inside loudspeaker (Center Speaker)
- T20 20-Pin Connector, black, door A-pillar, left
- T20a 20-Pin Connector, black, door A-pillar, right
- T20d 20-Pin Connector, black, radio connector I

- 133 Ground connection, in speaker wiring harness
- 255 Ground connection, -1-, in wiring harness Radio
- 346 Ground connection (Audio), in instrument panel wiring harness
- V28 Connector -1-, in radio wiring harness

with Bose Speaker only
from November 2003
up to October 2003



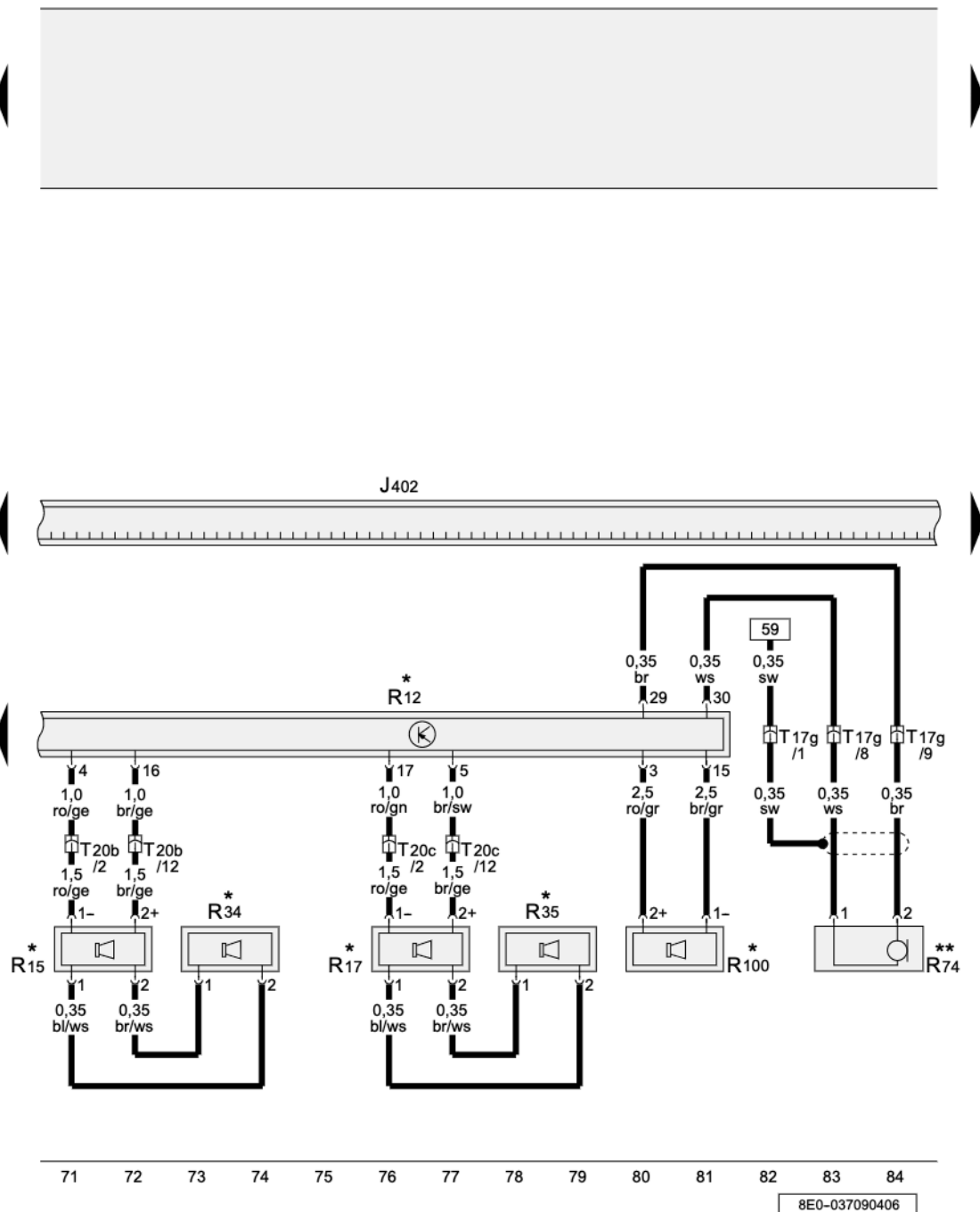
Bose Speaker rear, Inside microphone

- J402 Control module for operating electronics, navigation
- R12 Amplifier
- R15 Bass speaker, left rear
- R17 Bass speaker, right rear
- R34 Left Rear Midrange Speaker
- R35 Right Rear Midrange Speaker
- R74 Inside microphone
- R100 Bass loudspeaker
- T17g 17-Pin Connector, dark brown, connector station A-pillar, left
- T20b 20-Pin Connector, black, door B-pillar, left
- T20c 20-Pin Connector, black, door B-pillar, right
- * with Bose Speaker only
- ** from November 2003



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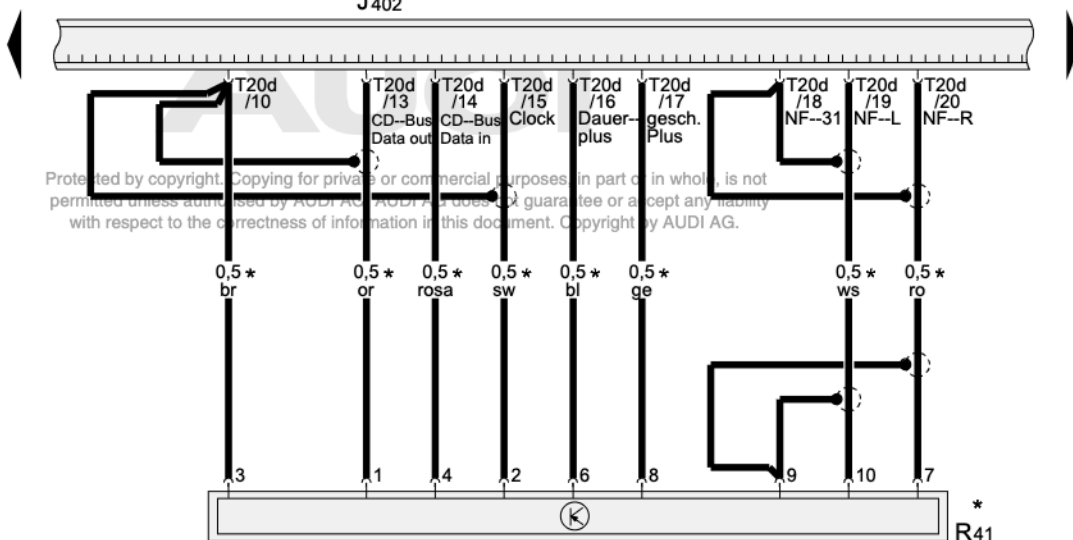


CD Changer Unit

- J402 Control module for operating electronics, navigation
- R41 CD Changer Unit
- T20d 20-Pin Connector, black, radio connector I
- * with CD-changer Unit only



J402



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*
R41

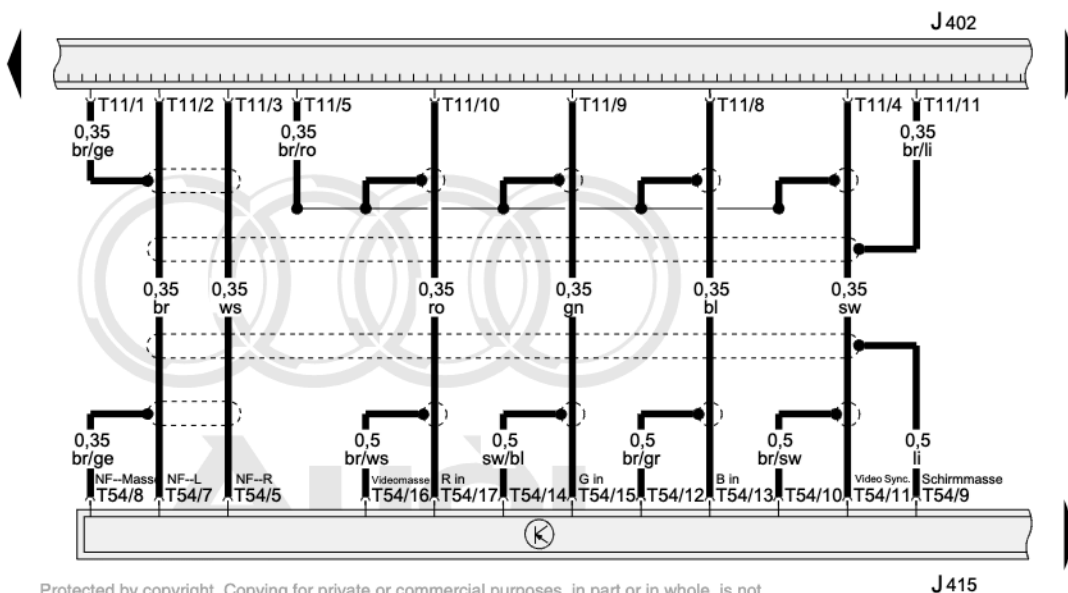
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85 86 87 88 89 90 91 92 93 94 95 96 97 98

97--57426

Control module for operating electronics, navigation, Tuner for navigation/TV

- J402 Control module for operating electronics, navigation
- J415 Tuner for navigation/TV
- T11 11-Pin Connector, on Tuner for navigation/TV
- T54 54-Pin Connector, black, on Tuner for navigation/TV



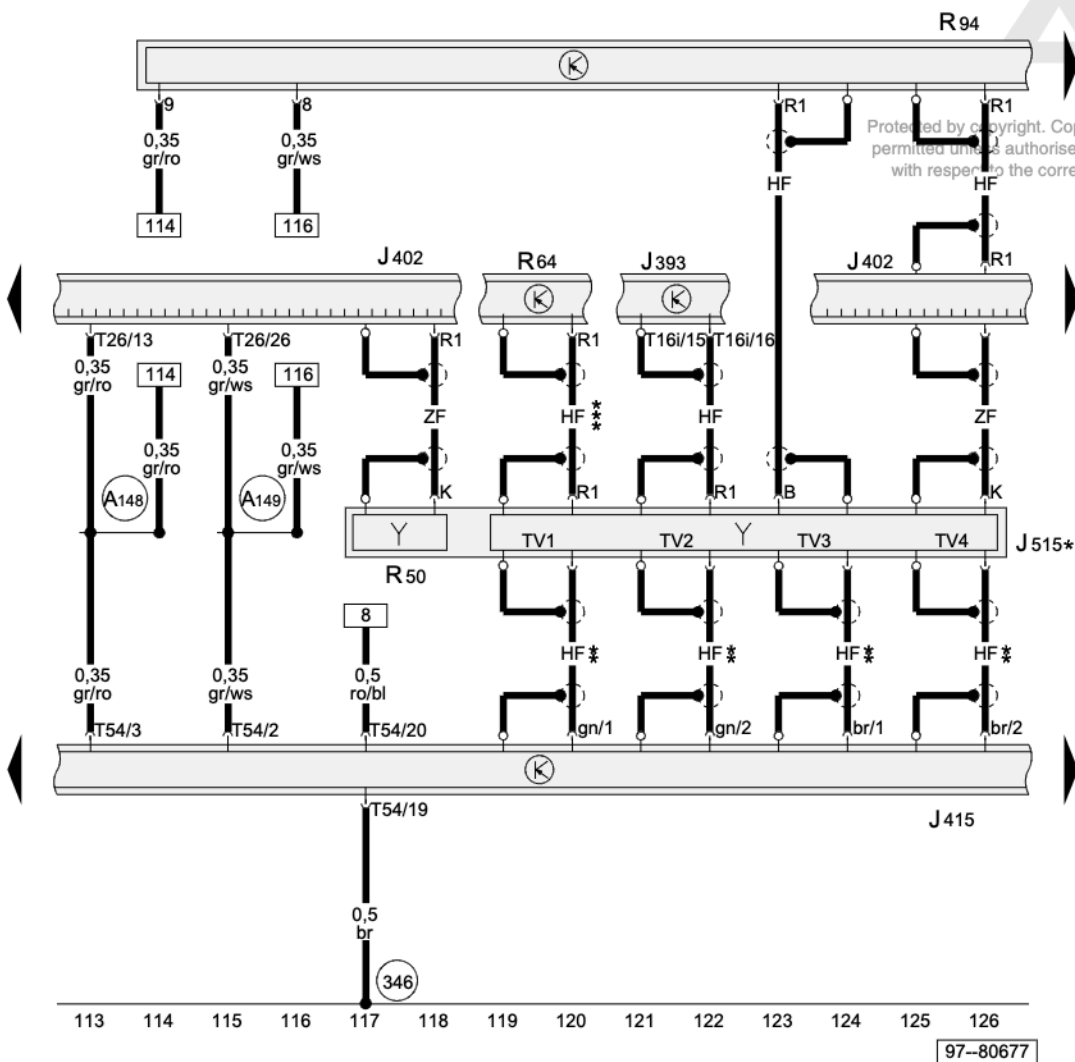
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99 100 101 102 103 104 105 106 107 108 109 110 111 112

97-53415

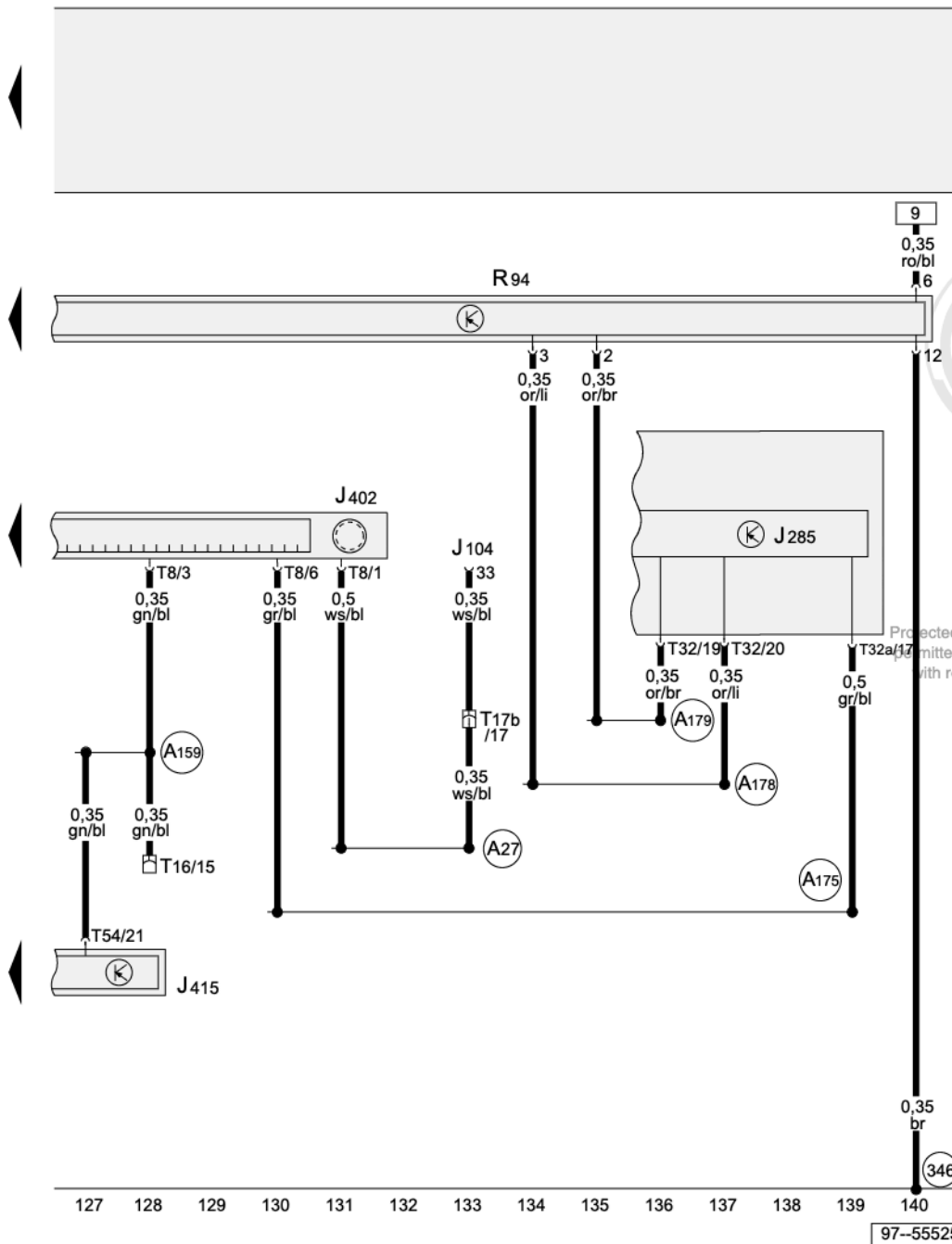
Control module for operating electronics, navigation, Tuner for navigation/TV, Antenna, Navigation Interface

- J393 Comfort System Central Control Module
- J402 Control module for operating electronics, navigation
- J415 Tuner for navigation/TV
- J515 Antenna Selection Control Module
- R1 Antenna Connection
- R50 Antenna for Navigation System (GPS)
- R64 Auxiliary Heater Radio Receiver
- R94 Navigation Interface
- T16i 16-Pin Connector, brown, on central control module for comfort system (used to be Connector 5)
- T26 26-Pin Connector, black, on Control Module for operating electronics, navigation
- T54 54-Pin Connector, black, on Tuner for navigation/TV
- 346 Ground connection (Audio), in instrument panel wiring harness



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- A148 Navigation System High-bus Connection (in instrument panel wiring harness)
- A149 Navigation System Low-bus Connection (in instrument panel wiring harness)
- * for avant ⇒ applicable avant rear wiring diagram
- ** without Digital TV Tuner only, for Digital TV Tuner ⇒ applicable wiring diagram
- *** with Auxiliary Heater only



Control module for operating electronics, navigation, Navigation Interface, Control module with indicator unit in instrument panel insert, CAN-Bus

- J104 ABS Control Module (w/EDL)
- J285 Control module with indicator unit in instrument panel insert
- J402 Control module for operating electronics, navigation
- J415 Tuner for navigation/TV
- R94 Navigation Interface
- T8 8-Pin Connector, black, radio connector III
- T16 16-Pin Connector, black, diagnostic connection
- T17b 17-Pin Connector, green, connector station A-pillar, left
- T32 32-Pin Connector, blue, on instrument panel insert
- T32a 32-Pin Connector, green, on instrument panel insert
- T54 54-Pin Connector, black, on Tuner for navigation/TV
- 346 Ground connection (Audio), in instrument panel wiring harness
- A27 Wire connection (vehicle speed signal), in instrument panel wiring harness
- A159 Wire connection (L), in instrument panel wiring harness
- A175 Wire connection (58s), in instrument panel wiring harness
- A178 Infotainment High-bus Connection (in instrument panel wiring harness)
- A179 Infotainment Low-bus Connection (in instrument panel wiring harness)

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